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BISI 2779

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Sci - Min/Met Apr 62 190,713

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Change in Physical Properties During Tempering of Type Fe-Co-Cr-Hi Base Heat-resisting Alloy, LCH-155., by Bani Yenoshin, Masumoto Tsuyoshi.

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63-20071 Simose, Takaaki and others. ON THE REMOVAL OF ZINC IN DUST FROM AN 1. Simose, T. OPEN HEARTH FURNACE BY CHLORINATING II. Title: Research . . . ROASTING. Pt. 2 of Research on the Treatment of the Iron Industry Dust. Jul 63 [6p] 3refs
Order from SLA \$1.10 63-20071 Trans. of Tetsu to Hagane (Japan) 1961, v. 47, no. 3, p. 286-288 DESCRIPTORS: *Dusts, Iron industry. Open hearth furnaces, Separation, Calcium compounds, Chlorides, Magnesium compounds, Reduction (Chemistry), Charcoal, Smelting. *Zinc compounds. An experiment was performed to remove zinc in open hearth furnace dust by chlorinating roasting with the use of calcium chloride and magnesium chloride. With the use of calcium chloride, the Zn removal increased from 17.0 to 60.79 as the roasting temperature in-Office of Technical Services (Metallurgy, TT, v. 10, no. 11)

Remansion of the Basic Oxygen LD Flant at Tobata, Yevata Iron and Steel Works, by 8. Marita, M. Hishiwaki.

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Dephosphorisation in a Basic Caygon LD Furnace Studied in Relation to Changes in the Physical Blowing Conditions, by S. Watanaba, M. Olshi, et al.

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Extraction of Homestallic Inclusions without from Steel by Using an Ultrascuic Drill, by M. Nemura.

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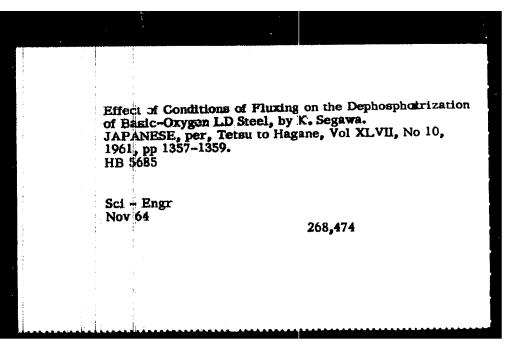
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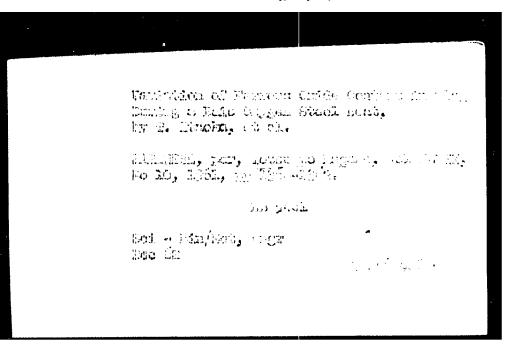
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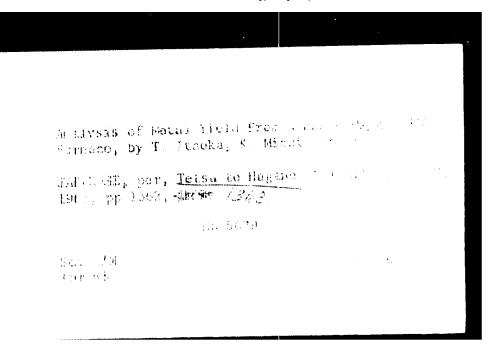
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BISI 5811

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PLATES ON THE ULTRASONIC SIGNAL PATTERN.
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[p. 1518-1520].

DESCRIPTORS: *Ultrasonics, Sheets, *Steel, Impurities, Mechanical properties.

(Metallurgy--Ferrous Metals, TT, v. 9, no. 8)

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Studies of Semi-Rilled Steel Ingots.

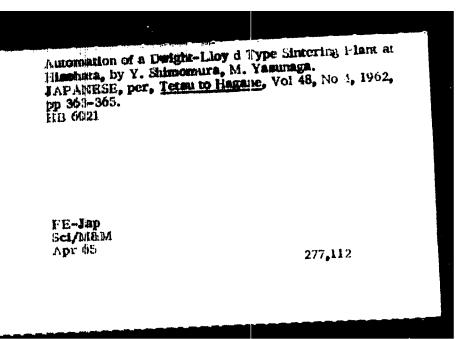
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*BISI 7737

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HB 5684

SCI - MIN/MET OCT 62

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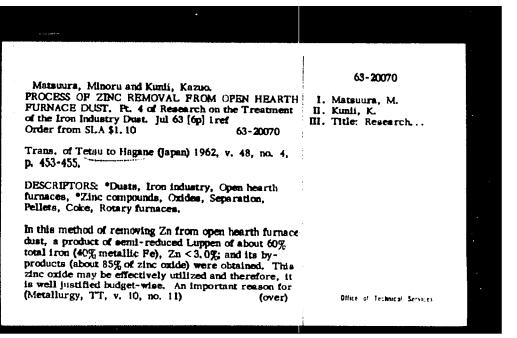
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Industry Dust. Jul 63 [6p] forefs
Order from SLA \$1, 10 63-20072

Trans. of Tetsu to Hagane (Japan) 1962, v. 48, no. 4,
p. 452-458.

DESCRIPTORS: *Dusts, Iron industry, *Zinc compounds, Oxides, Separation, Open hearth furnaces,
Bysporation, Reduction (Chemistry), Charcoal,
As a method of Zn removal from the open hearth
furnace dust, charcoal was used as a reducing agent,
At a rosst-temperature of 1200°C, with 10% charcoal,
the Zn removal reached 77% and at the same time, the
increase in reduction of Pb and amount of Fe was de(Metallurgy, TT, v. 10, no. 11)

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THEAMERE, Der, Total to Region.
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BISI 3531

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JAPANESE, per, Tetsu to Hagane, Vol XLVIII, No 11, 1962, pp 1322-1324.
HB 61-16

Sci - M/M
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Layout and Operation of the Second Basic Oxygen LD Plant at Tobata (Japan), by T. Ikeda, et al.

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Use of Cold Pig Iron in the Basic
Oxygen (LD) Furnace, by T. koide, et al.
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Slags by Spectro-chemical Analysis, by Y. Abe, et al., JAPANESE, per, Total To Hagene, Vol XLVIII, Ro 11, 1962, pp 536-38. HB 6058. 345, 158

Machinability of Selenium-Allayed Free-Cutting Stainless Steel, by T. Ito.

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IIB 5633

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CEA-tr-X-528 Uncl.

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C-25 NP RC Dep.(mc); \$7.60(fs), \$1.01(mf)

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(GE/209/Aust/CRL/T. 1842)

Sei Aug 67

Rapid Determination of Composition of (Steelmaking) Slags by Spectro-chemical Analysis, by Y. Abe, et al.

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Observations on the Injection of Oil Into the Blast Furnace, by Y. Rijima, et al.

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On the Rate of Fluid-Bed Reduction of Iron Ores, by A. Okura, Y. Matsushita.

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On the Backidation Process in the Millian of Stainless Steek, by T. Kakutani, T. Matsukura, et al.,

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Removal of Arsenic From Liquid Iron by Vac. a. Molting, by T. Tottori, M. Ejima

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HB 5842

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Chemical Analysis of Nonmetallic Inclusions After Extraction With an Ultrasomic Drill, by K. Segma, et al.

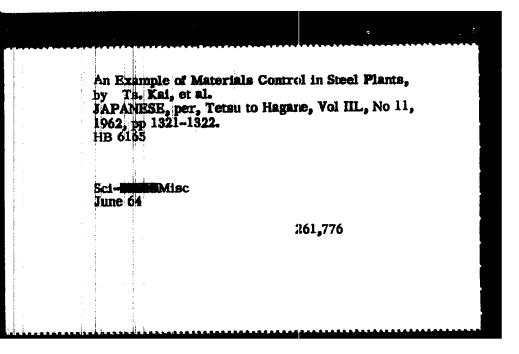
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Effect of Vaccum Casting on the Quality of Steels & for Rolling, Part I, by Y. Kitamura, et al.

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Rimmed Steel Ingots Solidified Under Reduced Pressure, by S. Watanabe, et al.

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On an Emperimental Water-Cooled Basic Oxygen Purmace, by R. Sate, N. Tahata.

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Sci-Materials & Metallurgy July 63

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HB 5841

Sci - M/M

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HB 5741

Sch Engr

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On the Melting Power of Cake With Cold Manager Charges [in the Oxygen LI Furnace], by T. Aoyene, H. Usui.

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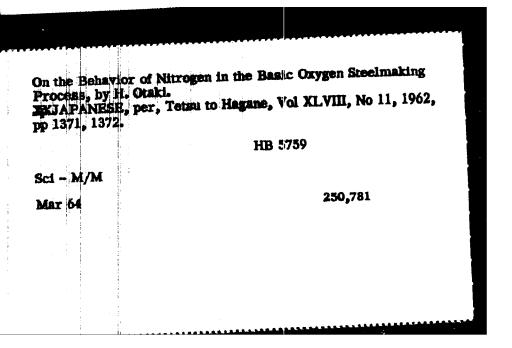
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